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Dated: 4/19/04 Signature: [Signature]
(Grace VA)

Docket No.: 246152019901
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Mieke SIBEIJN et al.

Application No.: 10/029,316

Art Unit: 1651

Filed: December 20, 2001

Examiner: F. Prats

For: ISOLATION OF CAROTENOID CRYSTALS
FROM MICROBIAL BIOMASS

AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.116

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the final Office Action dated February 3, 2004 in connection with the above-identified application. A response to this action is due on or before May 3, 2004.

Accordingly, this response is timely filed.

Applicants have given careful consideration to the grounds for rejection. The following amendment and remarks are believed to place this application in condition for allowance, which is respectfully requested.



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AF
1651

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/029,316
		Filing Date	December 20, 2001
		First Named Inventor	Mieke SIBEIJN
		Art Unit	1651
		Examiner Name	F. Prats
Total Number of Pages in This Submission	9	Attorney Docket Number	246152019901

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply (8 pages)	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Return Receipt Postcard ...
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MORRISON & FOERSTER LLP (Customer No. 25225) Karen Zachow - 46,332
Signature	
Date	April 19, 2004

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Dated: April 19, 2004	Signature: (Grace Yu)